



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Lirio Quintero

Serial No.: 10/023,273

Filed: December 14, 2001

For: Surfactant-Polymer Composition
for Substantially Solid-Free Water
Based Drilling, Drill-in and
Completion Fluids

Group Art Unit: 1712

Examiner:

Atty. Docket: 154-26969-US

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SECOND PRELIMINARY AMENDMENT

06/04/2003 TC0LE1 00000007 020429 10023273

01 FC:1201
02 FC:1202

168.00 CH
378.00 CH

Please amend the claims as follows to correct the following clerical/typographical errors and to add claims 392-412:

- B¹
- 1 196. (Amended) A water-based drilling fluid comprising:
 - 2 an aqueous base fluid;
 - 3 a quantity of water soluble polymer; and,
 - 4 an amount of surfactant in association with said water soluble polymer;
 - 5 wherein said quantity, said amount, and said association provide said water
 - 6 soluble polymer with effective rheology and fluid loss control properties
 - 7 comprising low shear rate viscosity.

- B²
- 1 230. (Amended) A water-based drilling fluid comprising:
 - 2 an aqueous base fluid;
 - 3 a quantity of water soluble polymer;
 - 4 an amount of surfactant in association with said water soluble polymer;



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Transmittal Form PTO/SB/21 [1 page], Second Preliminary Amendment [6 pages], Marked Up Claims Filed with Second Preliminary Amendment [3 pages] and return receipt postcard.

Applicant:	<u>Lirio Quintero</u>	Group Art Unit:	<u>1712</u>
Serial No.:	<u>10/023,273</u>	Examiner:	<u>Not Yet Assigned</u>
Filing Date:	<u>12/14/2001</u>	Atty. Docket No.:	<u>154-26969-US</u>
Title:	<u>Surfactant-Polymer Composition for Substantially Solid-Free Water Based Drilling, Drill-In and Completion Fluids</u>		